



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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September 18, 1984

TO: Thomas L. Portle, Reclamation Soils Specialist

FROM: James W. Smith, Jr., Administrator, Mineral Resource Development and Reclamation Program *JS*

RE: Atlas Minerals Soils Data from the Roosevelt Mine Reclamation Site in Colorado

Thank you for your memo of September 13, 1984 regarding the above and the apparent inconsistencies in the Colorado Sodium Absorption Ratio (SAR) data relative to Utah soils conditions. How can this noted difference be resolved to satisfy requirements for reclamation of Atlas' Utah mines? Please let me know after you have visited the Roosevelt Mine with Atlas and have had an opportunity to discuss the problem with Richard Blubaugh. I don't wish to make this a complicated and long drawn-out issue. It seems to me that Atlas could provide measures to be taken to overcome specific sodic problems at each site to be reclaimed without implementing test plots, simply soil sampling and analysis prior to reclamation to indicate soil treatments or amendments. Am I way off?

btb  
cc: Sue Linner  
Tom Tetting  
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